



## *Massachusetts EWIS*

### *Reflections on building a statewide system*

PAS National Conference

October 23, 2019

# What is the EWIS?

- Massachusetts Early Warning Indicator System (EWIS)
- Developed by DESE with AIR
  - Built off prior 9<sup>th</sup> grade indicator
- Identifies students who are at risk of missing key academic milestones in **grades 1–12**
- Provides student risk levels at the *beginning* of each school year
- Student-level and aggregate EWIS information is available via Security portal

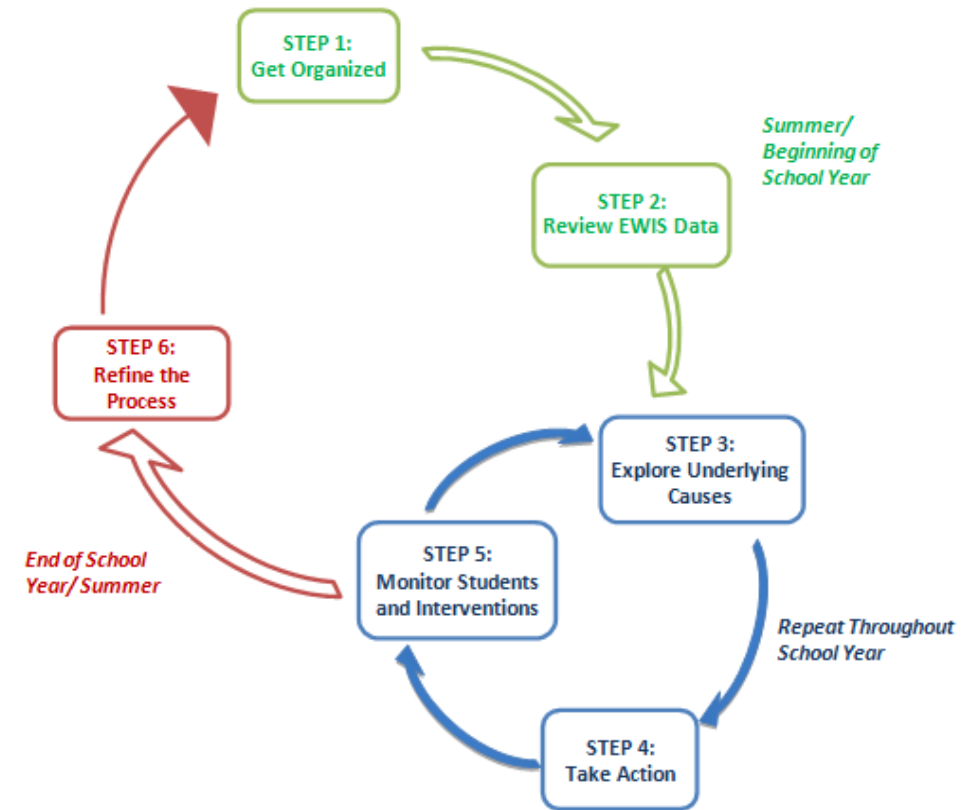


# What is the EWIS?

	Grades	Academic Milestones	
K-12 Milestones	Grades 1-3	Reading by the end of third grade	2012-13 SY
	Grades 4-6	Middle school ready	
	Grades 7-9	High school ready	
	Grades 10-12	High school graduation	
Postsecondary Milestones		College Enrollment	2016-17 SY
		Academic Readiness	
		College Persistence	



## Early Warning Implementation Cycle



### Risk Levels (without interventions)

High Risk	At Risk for not reaching the upcoming academic milestone
Moderate Risk	Moderately at risk for not reaching the upcoming academic milestone
Low Risk	Likely to reach the upcoming academic milestone



# The EWIS reports reflect their use

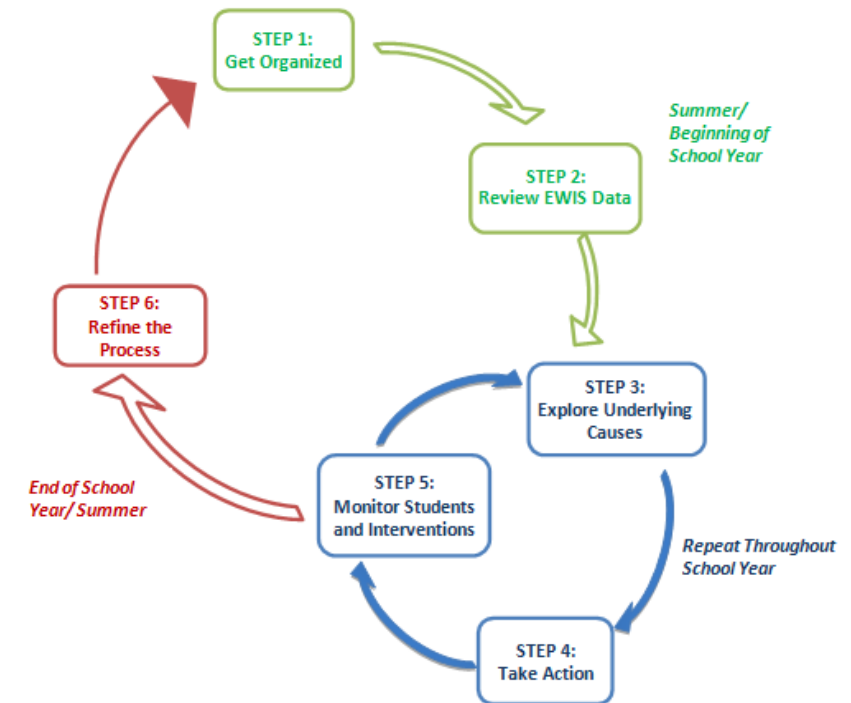


## Drill Down

- Big Picture: See overview and set priorities
  - District/School Overview (K-12 & Postsecondary)
- Dig Deeper: Explore patterns in the data
  - Subgroup Report
  - Indicator Analysis Report (K-12 & Postsecondary)
- Deep Dive: Identify student needs
  - Student List (K-12 & Postsecondary)
  - Student level monitoring report

# Cadre of tools to support EWIS Implementation Cycle

- Implementation Guide
- E-learning Tool (Reusable Learning Object)
- Videos
- Short Guides/resources
- Examples from the field



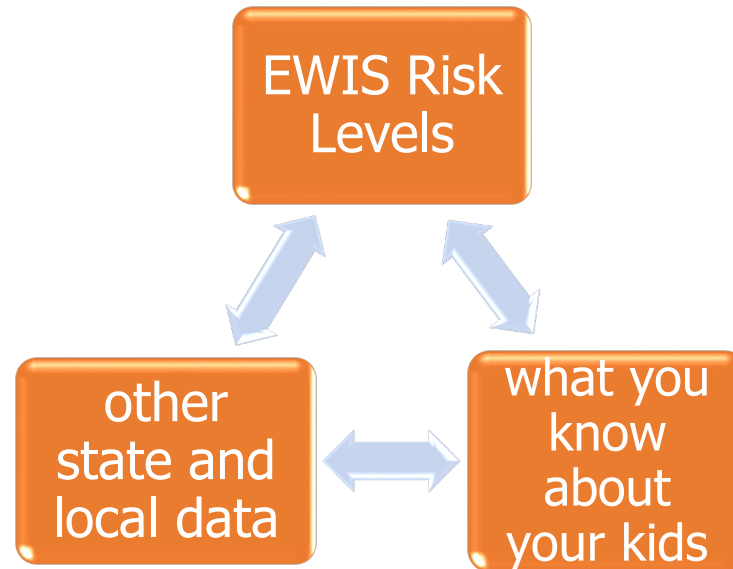
# Outreach Strategies

- Offer face-to-face and virtual training opportunities
- Leverage partnerships with other organizations
  - MASCA (School Counselors)
  - MASSA (Secondary School Administrators)
  - Charter School
- Leverage small grants to seed usage in districts
- Keep users up-to-date with regular newsletter
- Link to other related tools and resources



# Examples of Other Data Sources

- FAFSA
- Workforce Data
- PS outcome reports
- Dropout Data Tool
- School Climate Surveys
- Monitoring: Attendance and Suspension info



- Youth Risk Behavior Survey
- Local student survey data
- SEL information
- Intervention Inventories
- Data from local SIS



# Build, Refine, Adapt *(Repeat)*

- Build
  - Infuse user voice in design
    - Pilot project with 9 districts in designing implementation guide
    - Focus groups and user testing for all reports designed
  - Don't build all reports at once- see what unmet need was
- Refine
  - Ongoing feedback loop on tools developed and unmet need
- Adapt
  - Implementation Guide → [E-Learning Tool](#)
  - Existing resources → Short user friendly videos





# Sustaining our momentum

- Developing a lot of content now, e.g., from grantees
- Building a speakers bureau of engaged users in the field
- Staff development and cross-training

# Thank you!

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